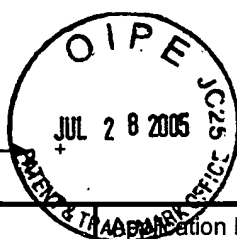


Please type a plus sign (+) inside this box



HDP/SB/21 based on PTO/SB/21 (08-00)

AF 2/10

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/689,951
Filing Date	October 22, 2002
Inventor(s)	HACKMAN et al.
Group Art Unit	3744
Examiner Name	M.M. Ali
Attorney Docket Number	98731-000001/US

ENCLOSURES (check all that apply)

☐ Fee Transmittal Form

☐ Fee Attached

☒ Amendment

☒ After Final

☐ Affidavits/declaration(s)

☐ Extension of Time Request

☐ Express Abandonment Request

☐ Information Disclosure Statement

☐ Certified Copy of Priority Document(s)

☐ Response to Missing Parts/ Incomplete Application

☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

☐ Assignment Papers (for an Application)

☐ Letter to the Official Draftsperson and _____ Sheets of Formal Drawing(s)

☐ Licensing-related Papers

☐ Petition

☐ Petition to Convert to a Provisional Application

☐ Power of Attorney, Revocation Change of Correspondence Address

☐ Terminal Disclaimer

☐ Request for Refund

☐ CD, Number of CD(s) _____

☐ After Allowance Communication to Group

☐ LETTER SUBMITTING APPEAL BRIEF AND APPEAL BRIEF (w/clean version of pending claims)

☐ Appeal Communication to Group (Notice of Appeal, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter

☐ Other Enclosure(s) (please identify below):

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name

Harness, Dickey & Pierce, P.L.C.

Attorney Name

Gregory P. Brummett

41,646

Signature

Date

July 28, 2005



M/S AF
Attorney Docket No. 98731-000001/US

IN THE U.S. PATENT AND TRADEMARK OFFICE

APPLICANT(S):	HACKMAN et al.	CONF. NO.:	4019
APPL. NO.:	10/689,951	ART UNIT:	3744
FILED:	October 22, 2002	EXAMINER(S):	M.M. ALI
ENTITLED:	AUTOMATIC LN2 DISTRIBUTION SYSTEM FOR HIGH-PURITY GERMANIUM MULTI-DETECTOR FACILITIES		

RESPONSE UNDER 37 C.F.R. § 1.116

July 28, 2005

Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, VA 22314
Mail Stop AF

Sir:

In response to the FINAL Office Action dated May 24, 2005 ("Action") for the above-identified patent application, please amend the claims as indicated and consider the remarks below. The sections included in this response are as follows:

Amendments to the Claims begin on **page 2** of this paper; and
a **Remarks** section begins on **page 7** of this paper.